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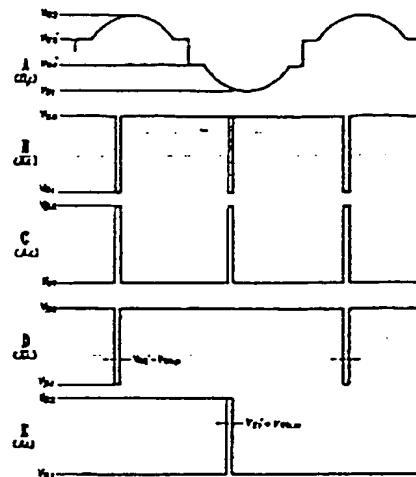
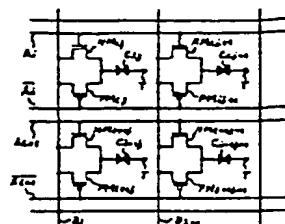
GROUP : E650

APPLICANT : SONY CORP

INVENTOR : MATSUSHITA TAKESHI; others:
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INT.CL. : H04N5/66

TITLE : DISPLAY DEVICE



ABSTRACT : PURPOSE: To prove the reliability of the titled device by using a complementary element so as to form a selecting element thereby decreasing the level of a drive signal for signal selection.
CONSTITUTION: A MOS selection element Mij consists of N-channel elements MMij and P-channel elements PMij being complementary elements, and the gates are connected respectively to signal lines Ai and the inverse of Ai. Then a data signal line Dj and one end of a liquid crystal display element Cij are connected between the source and drain of the elements NMij and PMij. Moreover, the other end of the liquid crystal element Cij is connected to a common target terminal T. In giving a signal A to the data signal line Dj, a drive signal of opposite polarity is given to the address signal line Ai, inverse of Ai thereby conducting the elements NMij, PMij at each pulse period. Thus, the input signal is given to the liquid crystal element Cij through the elements NMij and PMij, the element PMij is conducted sufficiently when the input signal is at a high level and the N-channel element NMij is conducted sufficiently when the signal is at a low level.